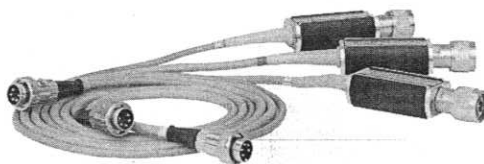
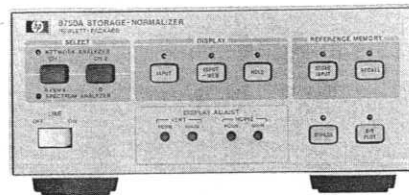


8755C



11664A



8750A

Individual Instrument Specifications

8755C Plug-in

Function: The 8755C plug-in processes demodulated 27.8 kHz signals from the 11664 Detectors (R,A,B) for logarithmic display on 180 series oscilloscopes.

Resolution: Independent for each channel in steps of 10, 5, 1, 0.25, or 0.1 dB per division.

Offset: Independent for each channel. ± 59.9 dB in 0.1dB increments.

Display Units

180 "T" series displays are recommended for use with the 8755C. They provide zero offset recorder outputs, and both positive and negative 5-volt retrace blanking inputs.

Large screen (Model 182T): This display unit is contained in the 8755S standard configuration. It has an 8×10 division internal graticule with 1 div = 1.29 cm. and medium persistence P39 phosphor.

Rack mount (Model 180TR): This display unit is contained in the 8755S Option 001 system configuration. It has an 8×10 division internal graticule with 1 div = 1 cm. and medium persistence P39 phosphor.

The 182T and 180TR are directly compatible with the 8750A Storage-Normalizer. As a result of the 8750A compatibility, the 182T and 180TR cannot be used with time domain plug-ins.

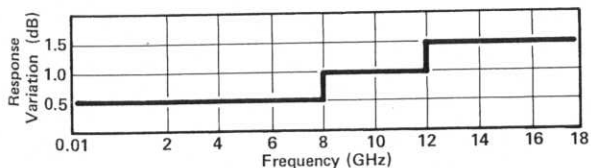
Variable persistence/storage (Model 181T, Cabinet Model 181TR, Rack Mount): These displays can be ordered individually for use with the 8755C. Because they offer CRT storage, they have not been made compatible with the 8750A Storage-Normalizer. They have an 8×10 division internal graticule with 1 div = 0.95 cm. and offer variable persistence phosphor for storing single or multiple traces.

11664A Detectors

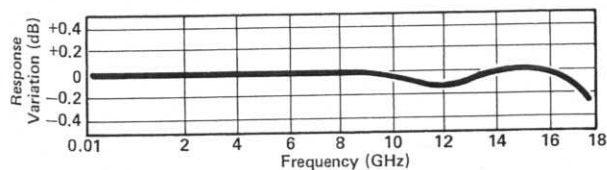
Function: Designed specifically for use with the 8755C Swept Amplitude Analyzer, the 11664A detects the envelope of the 27.8 kHz modulated microwave signal. It uses a biased Schottky diode to achieve -50 dBm sensitivity.

Frequency range: 10 MHz to 26.5 GHz.

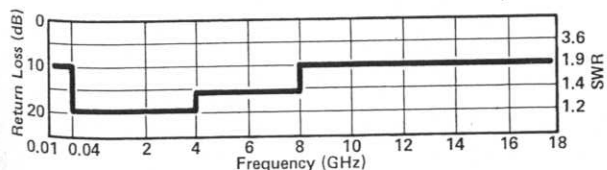
Tracking between two 11664A Detectors:



Typical frequency response:



Return loss:



Impedance: 50 ohms nominal

Connector: N-Male.

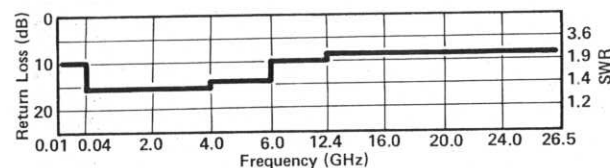
11664B Detectors

(All specifications are the same as the 11664A with the following differences):

Frequency range: 10 MHz to 26.5 GHz.

Tracking between two 11664B Detectors: Tracking between two detectors at the same power level is typically < 2 dB from 10 MHz to 26.5 GHz.

Return Loss:



Connector: APC 3.5 Male.

11664C Detector Adapter

Function: Allows the 8755 to be used with many available diode detectors. Two adjustments allow the detector to be mated with the 8755 to provide absolute power as well as ratio with a frequency range that is determined by the diode detector used.

Connector: BNC male

8750A Storage-Normalizer

Function: Provides digital storage display and digital normalization for both channels of the 8755. The 8750A connects directly to the 8755/182T via a single cable.

Ordering Information

The 8755S system and its options are configured of separate instruments and components solely for ordering convenience. If a different display or optional connectors are desired, each part of the system should be listed separately.

	Price
8755S Complete Test Set	\$7940
Opt 001: Rack mount version	\$25
Opt 002: deletes (2) 11664 Detectors, adds 11666A Reflectometer Bridge	add \$1980
Opt 003: adds 11665B Modulator	add \$890
Opt 004: deletes 8750A Storage-Normalizer	less \$1890
Opt 005: Replaces (3) 11664A with (3) 11664B	add \$720
8755C Test Set Plug-in only	\$2275
11665B 15 MHz 18 GHz Modulator	\$890
11664A 10 MHz 18 GHz Detector	\$385
Opt 001: APC-7 Connector	add \$25
11664B APC 3.5 10 MHz to 26.5 GHz Detector	\$625
11664C Detector Adapter	\$225
182T Large Screen Cabinet Scope Display	\$2615
180TR Standard Screen Rack Display	\$2760
181T Storage, Cabinet Display	\$3565
181TR Storage, Rack Display	\$3840
11666A Reflectometer Bridge	\$2750
11679A 7.6 m (25 ft) Detector Extension Cable	\$75
11679B 61 m (200 ft) Detector Extension Cable	\$350
11668A 50 MHz High Pass Filter	\$500
11667A DC to 18 GHz Power Splitter	\$850
11678A Low Pass Filter Kit	\$1100
Individual filters: specify model number	\$220